



Materials Safety



Vendors provide a critical service in support of the Labs scientific mission. Please work closely with them to ensure that their work is performed safely and in accordance with LBNL requirements.

*—Paul Alivisatos,
Division Director*

Many scientific devices are maintained or repaired by vendors under a maintenance contract or warranty. Review of an electrical incident in building 2 revealed that yet again, a vendor was working on an electrically energized device without following appropriate safety procedures.

Measures are being implemented to ensure safe work on energized equipment by vendors.

1) Service contracts will be screened by EH&S to verify that the vendor's electrical safety procedures are appropriate.

Electrical Incident Highlights Need for Heightened Vendor Safety

A Message from Rick Kelly

2) In MSD, each person responsible for electrical equipment maintained by a vendor must provide the vendor technician with a copy of the LBNL policy* on lock out/tag out of electrical equipment and work on energized equipment. Ask the technician to read and sign it. If the technician indicates that s/he will need to perform work on the equipment while energized, contact Rick Kelly who will review the planned work to ensure that it is performed safely.

3) The Division will be labeling large scientific

equipment as show in Figure 1, reinforcing the requirements for working safely on electrical equipment.

Label to be applied to large scientific equipment in MSD



DANGER

Requirements apply to all service personnel!

- **Equipment must be de-energized prior to servicing internal components**
- **Unplug or lock out & tag out power**
- **Verify that equipment is de-energized**
- **All work on energized equipment >50 volts, including testing, MUST be approved by the MSD EH&S Manager**

*http://www.lbl.gov/msd/safety/assets/MF_scientific_equipment_vendor.pdf

